

Product datasheet for **MC201827**

Gtf2f1 (NM_133801) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gtf2f1 (NM_133801) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Gtf2f1
Synonyms:	2810405L04Rik; C76800; RAP74
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC031123 sequence for NM_133801
 AGAGAACGCCGCAAAAGGTGGCTTTCTCTCCGAAGCTGGTGATCTAGAGTAGTTACAGCGGCTGCGCTC
 TTCTCGGTGTGGCAGCTCAACTTCCGGGTGAGGCTCTAACGCATGCGCAGAGAGTTAGGTCTCTTTTTCT
 CGTCTTCCAGCATTCTCCGAGACTTAAGGATTTGGAAATCCAAAGCACAGCATCACACTAACGTGACAAC
 CAGGAAAGGTGCCTTCCCTTTCTGGAGCCGAGGGACACAACGAAGTTCATCCCGTCAGGCCGACCCGGGA
 GCAGCTTGAGCAACGGCCATGGCGGCTCTAGGCTCCAGCAGCCAGAATGTCACCGAGTACGTCGTCGGAG
 TCCCAAGAACACAGCCAAAAGATACAACATAATGGCTTTTAAATGCAGCCGATAAAAGTCAACTTTGCTAC
 CTGGAACCAAGGCACGGCTGGAGCGAGATCTGAGCAACAAGAAGATTTACCAGGAAGAAGAGATGCCAGAG
 TCCGGTGCAGGCAGTGAATTCAACCGCAAGCTTAGGGAGGAGGCGCGCCGGAAGAAGTATGGCATTGTCC
 TAAAGGAGTTTCGGCCTGAGGATCAGCCTTGCTACTCCGTGTCAATGGCAAATCAGGACGGAAGTTCAA
 AGGCATTAAGAAAGCGGGGTAACAGAGAACACAGCCTACTACATCTTACACAGTGTGCTGATGGTGCC
 TTTGAGGCTTTCCTGTACAGAAGTGTACAATTTACACCACTGGCCCGACACCCGACACTCACTGCTG
 AGGAAGCCGAGGAGGAATGGGAGAGGAGGAACAAGGTCTAAACCACTTACAGCATCATGCAGCAGCGCG
 GCTCAAGGACCAGGACAGGATGAAGATGAGGAGGAGAAGGAGAAGCGCAGTCGAAGAAGCCTAGTGAG
 CTGCGCATTCATGACCTGGAGGATGACCTGGAAATGTCTCCGATGCCAGCGATGCCAGTGGTGAAGAGG
 GCAGCAGAACCTCAAGGCTAAGAAAAAGGCCCTGTGACCAAGGCAGGCAGGAAGAAGAAAAAGAA
 GGGCTCAGATGATGAGGCTTTTGGAGACAGCGATGATGGGGACTTCGAGGGCCAGGAGGTAGACTACATG
 TCTGATGGCTCCAGCAGCTCTCCAGATGAGACAGAAGGCAAGCCAAAGTGCAGCAGGAGGATGGCC
 CAAAGGGGGTGGATGAGCAGAGCGAGAGCAGTGAAGGAGTGAAGGAGGAGAAGCCCCCGAGGAGGACAA
 GGAGGAGGAAGAAGAGAAGAAGGCCCTACCCACAAGAGAAGAAGCGCAGGAAAGACAGCAGTGAAGC
 TCAGACAGCTCAGAAGAGAGCGACATTGACAGTGAAGCCTCTCTGCACTTTCATGGCGAAGAAGAAGA
 CACCCCAAGAGGGAGCGGAAGCCATCGGGGGGAGTTCAAAGGGCACCAGTCCGCCAGGGACTCCCAG
 TGCAGAAGCAGCAAGCACCTTTCTACCCTGCGGGTGCAGCCAGCAAGTGGAGCAGGGGAAGCGGACG
 AGTGAGACTCCAGCAGCCAAAGCGTCTTCGGATGGACACGGGTCCCGAGAGCCTGTCTGGGAAGTCCACAC
 CCAGCAGCGGTGATGTCCAGGTGACAGAGGACGCTGTGCGCCGCTACCTGACCCGCAAGCCATGACCAC
 AAAGGACCTGCTGAAGAAGTTCCAGACCAAGAAGACAGGGCTGAGCAGCGAGCAGACAGTAAATGTGCTG
 GCGCAGATCCTCAAGCGCCTCAACCCTGAGCGCAAGATGATTGGTGATAAGATGCACTTCTCCCTCAAAG
 AGTGATGCCAATAAAGAGAGCAGGCCAGAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_133801

Insert Size: 1527 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [BC031123](#), [AAH31123](#)

RefSeq Size: 1865 bp

RefSeq ORF: 1527 bp

Locus ID: 98053

UniProt ID: [Q3THK3](#)

Cytogenetics: 17 D

Gene Summary: TFIIF is a general transcription initiation factor that binds to RNA polymerase II and helps to recruit it to the initiation complex in collaboration with TFIIB. It promotes transcription elongation (By similarity).[UniProtKB/Swiss-Prot Function]